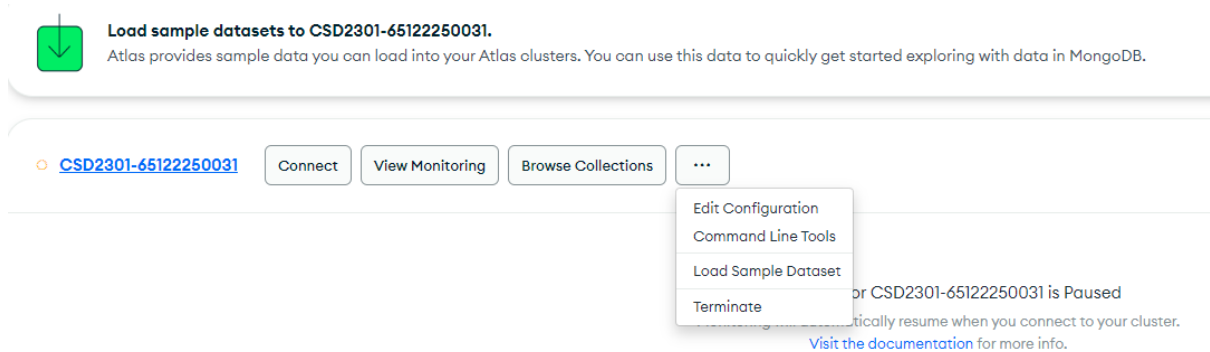


## 2.1

1.



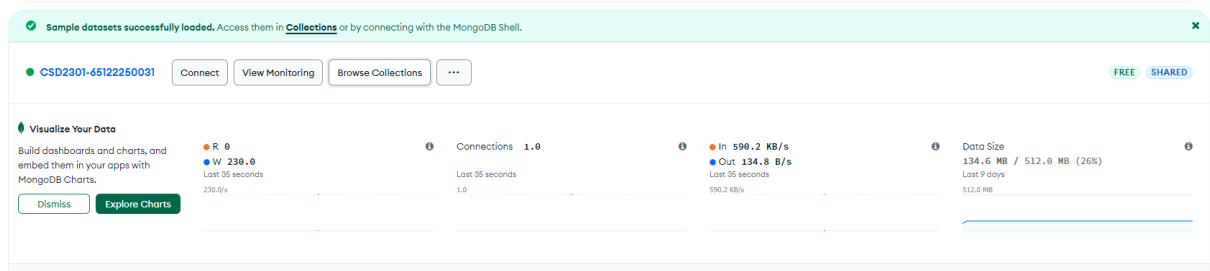
**Load sample datasets to CSD2301-65122250031.**  
Atlas provides sample data you can load into your Atlas clusters. You can use this data to quickly get started exploring with data in MongoDB.

**CSD2301-65122250031** **Connect** **View Monitoring** **Browse Collections** **...**

- Edit Configuration
- Command Line Tools
- Load Sample Dataset
- Terminate

**CSD2301-65122250031 is Paused**  
The cluster is paused. It will automatically resume when you connect to your cluster.  
[Visit the documentation](#) for more info.

2.



**Sample datasets successfully loaded.** Access them in [Collections](#) or by connecting with the MongoDB Shell.

**CSD2301-65122250031** **Connect** **View Monitoring** **Browse Collections** **...** **FREE** **SHARED**

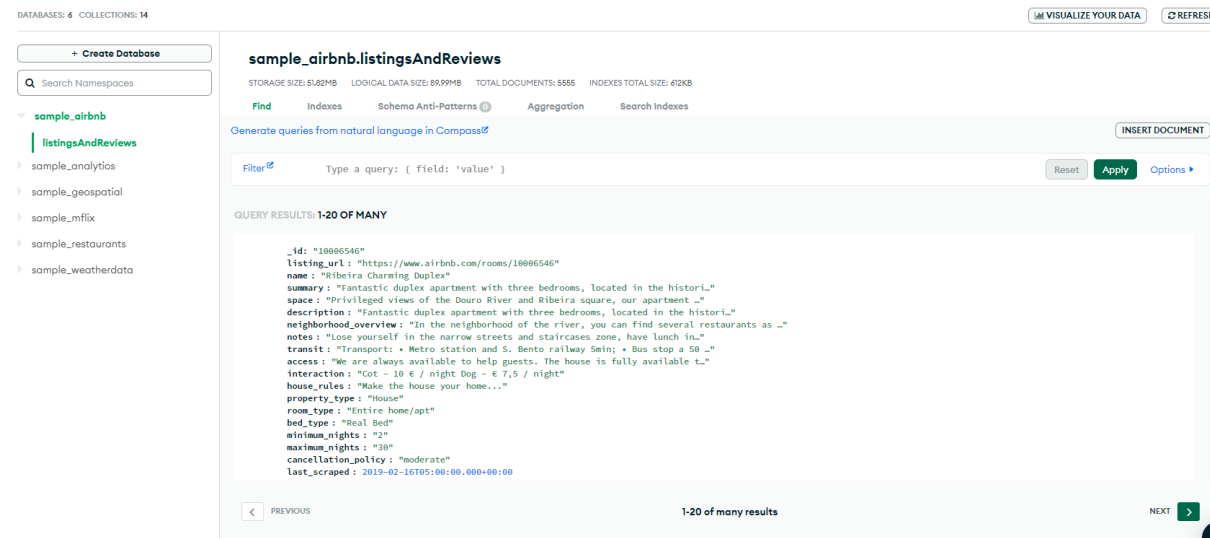
**Visualize Your Data**  
Build dashboards and charts, and embed them in your apps with MongoDB Charts.  
**Dismiss** **Explore Charts**

**Connections** **1.0**  
Last 35 seconds

**In** **590.2 KB/s**  
**Out** **134.8 B/s**  
Last 35 seconds

**Data Size**  
**134.6 MB / 512.0 MB (26%)**  
Last 9 days

3.



DATABASES: 6 COLLECTIONS: 14 **Visualize Your Data** **Refresh**

**+ Create Database**

**sample\_airbnb**  
**listingsAndReviews**

**sample\_analytics**  
**sample\_geospatial**  
**sample\_mflix**  
**sample\_restaurants**  
**sample\_weatherdata**

**sample\_airbnb.listingsAndReviews**  
STORAGE SIZE: 61.82MB LOGICAL DATA SIZE: 89.99MB TOTAL DOCUMENTS: 5555 INDEXES TOTAL SIZE: 412KB

**Find** **Indexes** **Schema Anti-Patterns** **Aggregation** **Search Indexes**

**Generate queries from natural language in Compass** **INSERT DOCUMENT**

**Filter** Type a query: { field: 'value' } **Reset** **Apply** **Options**

**QUERY RESULTS: 1-20 OF MANY**

```
{
  "_id": "10896546",
  "listing_url": "https://www.airbnb.com/rooms/10896546",
  "name": "Ribeira Charming Duplex",
  "summary": "Fantastic duplex apartment with three bedrooms, located in the historic space of 'Privileged views of the Douro River and Ribeira square, our apartment...'",
  "description": "Fantastic duplex apartment with three bedrooms, located in the historic neighborhood overview: 'In the neighborhood of the river, you can find several restaurants as...'",
  "notes": "Lose yourself in the narrow streets and staircases zone, have lunch in...'",
  "transit": "Transport: • Metro station and S. Bento railway 5min; • Bus stop a 50...'",
  "access": "We are always available to help guests. The house is fully available...'",
  "interaction": "Cot - 10 € / night Dog - € 7,5 / night",
  "house_rules": "Make the house your home...",
  "property_type": "House",
  "room_type": "Entire home/apt",
  "bed_type": "Real Bed",
  "minimum_nights": "2",
  "maximum_nights": "30",
  "cancellation_policy": "moderate",
  "last_scraped": "2019-02-16T05:00:00.000+00:00"
}
```

**1-20 of many results** **PREVIOUS** **NEXT**

+ Create Database							
Q Search Namespaces							
sample_mflix							
LOGICAL DATA SIZE: 115.94MB STORAGE SIZE: 94.13MB INDEX SIZE: 18.69MB TOTAL COLLECTIONS: 6							
CREATE COLLECTION							
Collection Name	Documents	Logical Data Size	Avg Document Size	Storage Size	Indexes	Index Size	Avg Index Size
comments	41079	11.44MB	285B	5.62MB	1	1.15MB	1.15MB
embedded_movies	3483	71.9MB	21.14KB	68.42MB	1	192KB	192KB
movies	21349	32.54MB	1.56KB	19.89MB	2	17.11MB	8.55MB
sessions	1	540B	540B	20KB	2	40KB	20KB
theaters	1564	941.63KB	224B	156KB	2	100KB	50KB
users	185	28.88KB	160B	36KB	2	48KB	24KB

## 2.2

1.

2.

CSD2301

Data Services

Charts

Overview

DEPLOYMENT

Database

SERVICES

Search

Vector Search

Stream Processing

Triggers

Migration

Data Federation

SECURITY

Quickstart

Backup

Database Access

Network Access

Advanced

New On Atlas 4

Goto

To access data stored in Atlas, you'll need to create users and set up network security controls. [Learn more about security setup](#)

1

How would you like to authenticate your connection?

Your first user will have permission to read and write any data in your project.

Username and Password

Certificate

We autogenerated a username and password for your first database user in this project using your MongoDB Cloud registration information.

Create a database user using a username and password. Users will be given the *read and write to any database privilege* by default. You can update these permissions and/or create additional users later. Ensure these credentials are different to your MongoDB Cloud username and password.

Username

s65122250031

Password

.....

Autogenerate Secure Password

Copy

Create User

2

Where would you like to connect from?

3.

The screenshot shows the MongoDB Atlas console interface. On the left is a navigation sidebar with sections: Overview, DEPLOYMENT, Database, SERVICES, and SECURITY. The main content area has a header with a green checkmark and the text "Load sample datasets to CSD2301-65122250031." Below this is a green banner stating "Sample datasets successfully loaded." The main dashboard for cluster CSD2301-65122250031 includes several metrics: "Visualize Your Data" with a line chart, "Connections" at 6.0, "In/Out" data rates (472.4 KB/s in, 7.7 KB/s out), and "Data Size" (134.6 MB / 512.0 MB (26%)). At the bottom is a table with columns: VERSION, REGION, CLUSTER TIER, TYPE, BACKUPS, LINKED APP SERVICES, ATLAS SQL, and ATLAS SEARCH.

VERSION	REGION	CLUSTER TIER	TYPE	BACKUPS	LINKED APP SERVICES	ATLAS SQL	ATLAS SEARCH
7.0.12	AWS / Singapore (ap-southeast-1)	M0 Sandbox (General)	Replica Set - 3 nodes	Inactive	None Linked	<a href="#">Connect</a>	<a href="#">Create Index</a>

4.

This screenshot shows a close-up of the "Browse Collections" button in the MongoDB Atlas console, which is part of the cluster management interface.

5.

The screenshot displays the "Create Database" button and a search bar for namespaces. Below the search bar, a list of namespaces is shown, including "sample\_airbnb" and "pharthiwath\_test\_db". The "sample\_airbnb" namespace is expanded, showing a collection named "listingsAndReviews".

**sample\_airbnb**  
STORAGE SIZE: 51.82MB  
[Find](#) [Indexes](#)  
[Generate queries from](#)

6.

This screenshot shows the "Create Database" button and a search bar for namespaces. Below the search bar, a list of namespaces is shown, including "pharthiwath\_test\_db". The "pharthiwath\_test\_db" namespace is expanded, showing a collection named "users".

**pharthiwath\_test\_db**  
[Find](#) [Indexes](#)  
[Generate queries from](#)

7.

DATABASES: 7 COLLECTIONS: 15

+ Create Database

Q Search Namespaces

pharthiwath\_test\_db

users

sample\_airbnb

sample\_analytics

sample\_geospatial

sample\_mflix

pharthiwath\_test\_db

LOGICAL DATA SIZE: 0B STORAGE SIZE: 4KB INDEX SIZE: 4KB TOTAL COLLECTIONS: 1

CREATE COLLECTION

Collection Name	Documents	Logical Data Size	Avg Document Size	Storage Size	Indexes	Index Size	Avg Index Size
users	0	0B	0B	4KB	1	4KB	4KB

8.

# Create Collection

Database name ?

pharthiwath\_test\_db

Collection name ?

items

Additional Preferences

Select

Cancel

Create

9.

Q Search Namespaces

pharthiwath\_test\_db

items

users

sample\_airbnb

sample\_analytics

sample\_geospatial

sample\_mflix

sample\_restaurants

sample\_weatherdata

pharthiwath\_test\_db

STORAGE SIZE: 4KB LOGICAL DATA SIZE: 0B TOTAL DOCUMENTS: 0 INDEXES TOTAL SIZE: 4KB

Find Indexes Schema Anti-Patterns Aggregation Search Indexes

Generate queries from natural language in Compass

INSERT DOCUMENT

Filter Type a query: { field: 'value' }

Reset Apply Options

QUERY RESULTS: 0

10.

## Insert Document



To collection users

VIEW



1	_id : 65122250031	ObjectId
2	name : "Pharthiwath"	String
3	age : 20	Int32